Newzen Consultants Bangalore

NC/QC/YPD/W3-01/2018-19/AL-PCC6

Date: 18-04-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	64.55	0 -20	30- 70
10mm	18.26	0 -5	10- 35
4.75mm	3.98	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.45	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	86.33	60-95	75-100	85-100	
01.18	69.55	30-70	55-90	75-100	
600.mic	47.24	15-34	35-59	60-79	
300.mic	18.30	5-20	8-30	12-40	
150.mic	7.21	0-10	0-10	0-10	

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For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187

NC/QC/YPD/W3-01/2018-19/AL-FA2

Date: 21-04-2018

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size.mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
4.75	**97.32**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**87.41**	60-95	75-100	85-100	
01.18	**68.25**	30-70	55-90	75-100	
600. mic	**53.15**	15.34	35-59	60-79	
300.mic	**22.42**	5-20	8-30	12-40	
150.mic	**5.48**	0-10	0-10	0-10	

Assistant Executive Engineer, Project Division, Yelahanka Zone, Bangalore

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	**Requirements** as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	**16.33 %**	-----
2	Silt Content	----	**0.92 %**	Not more than 8%
3	Specific Gravity	----	**2.63**	-------

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For Newzen Consultants Bangalore

Proprietor

Newzen Consultants Bangalore

NC/QC/YPD/W3-01/2018-19/AL-CA2

Date: 21-04-2018

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

Table - 1.1 : SIEVE ANALYSIS :

Asst. Executive Engineer, Project Division, Yelahanka Zone, Bangalore

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100.00	100.00
20 mm	97.50	85-100	90 - 100
10 mm	36.43	0 - 20	25 - 55
4.75 mm	6.59	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	21.38%	Not to exceed 25 %
2.	Crushing value	28.36 %	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

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For Newzen Consultants Bangalore

Proprietor

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EMAIL:newzen576@gmail.com

NC/QC/YPD/W3-01/2018-19/AL-CB8 Date: 30-04-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bengaluru

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-04-18	30-04-18	07	22500	395	17.56	**17.56**
	002	"	"	"	"	405	18.00	
	003	"	"	"	"	385	17.11	

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For Newzen Consultants Bangalore

Proprietor

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Newzen Consultants Bangalore

NC/QC/YPD/W3-01/2018-19/AL-CB9 **Date: 03-05-2018**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	26-04-18	03-05-18	07	22500	385	17.11	**16.67**
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	375	16.67	

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For Newzen Consultants Bangalore

Proprietor

Newzen Consultants Bangalore

NC/QC/YPD/W3-01/2018-19/AL-CB10 Date: 05-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Asst. Executive Engineer Project Division Yelahanka Bangalore

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	28-04-18	05-05-18	07	22500	395	17.56	**17.33**
	002	"	"	"	"	390	17.33	
	003	"	"	"	"	385	17.11	

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EMAIL:newzen576@gmail.com

NC/QC/YPD/W3-01/2018-19/AL-CB11 **Date: 07-05-2018**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	30-04-18	07-05-18	07	22500	410	18.22	**17.70**
	002	"	"	"	"	395	17.56	
	003	"	"	"	"	390	17.33	

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For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/W3-01/2018-19/AL-CB8A

Date: 21-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

Asst. Executive Engineer, Project Division, Yelahanka Zone, Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-04-18	21-05-18	28	22500	515	22.89	**22.74**
	002	"	"	"	"	500	22.22	
	003	"	"	"	"	520	23.11	

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For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NC/QC/YPD/W3-01/2018-19/AL-CB9A Date: 24-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	26-04-18	24-05-18	28	22500	535	23.78	**23.41**
	002	"	"	"	"	525	23.33	
	003	"	"	"	"	520	23.11	

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For Newzen Consultants Bangalore

Proprietor

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Newzen Consultants Bangalore

NC/QC/YPD/W3-01/2018-19/AL-CB10A **Date: 26-05-2018**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Assistant Executive Engineer, Project Division, Yelahanka Zone, Bangalore

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	28-04-18	26-05-18	28	22500	530	23.56	**23.63**
	002	"	"	"	"	540	24.00	
	003	"	"	"	"	525	23.33	

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For Newzen Consultants Bangalore

Proprietor

Newzen Consultants Banaloare

NC/QC/YPD/W3-01/2018-19/AL-CB11A **Date: 28-05-2018**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Providing cement concrete roads to 1st A main 2nd Main and cross roads at Attur Layout in Ward No.03.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Mr. Achutha Murthy K, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	30-04-18	28-05-18	28	22500	515	22.89	**22.52**
	002	"	"	"	"	500	22.22	
	003	"	"	"	"	505	22.44	

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For Newzen Consultants Bangalore

Proprietor